











Passive keyless entry/ smart engine start rapidly operate guide

1. Set-arm: stop engine、remove car key, leave the car about 2meters with remote, then the car light flash once, horn chirps BI one sound, meanwhile central control lock enter into arm statue. If you want to arm by press button, only need to press  button.
2. Disarm: approach to car about 2 meters , the light flash twice, central control lock will disarm. Disarm by press button, only need to press  button.
3. Trunk release: press  button for 3-5 seconds, release trunk automatically.
4. Disable passive keyless entry function: press  +  button together, horn chirps twice, disable PKE. Start PKE mode: press  +  button at the same time, horn chirps three times, able PKE function.
5. Car locating: press  button for twice, the main unit receives signal ,turning light flash 30 times, horn chirps once, remind vehicle' position.
6. Remote start car: when in arm statue, long press  button for 3 seconds can start the engine.
7. Remote low energy reminder: press  button, the horn chirps once. Turning light flash 5 times, replace battery type: button battery CR2032.
8. Mute arm: dial down button to set arm, dial up again it will mute arm.
9. **Engine start operation:** Ignition operation: step on the brake, ignition button flash, press the engine start button, till to start the car.
Flameout operation: Step on the brake, press the ignition button, the car will flameout automatically.
Power memory: If not ignite, not step on the brake, only press the ignition button, it will be in ACC (first gear), press it again, connect ON (second gear). And then, press it again, it will shut off the power.
10. Car battery low voltage protection: when car battery was in low power statue, system will automatically disable PKE function,

others will not be influenced, to protect battery and make sure consumer normal use.

11. Remote low power protection: when the remote is in low power statue, locking door, horn chirps once, light flash 5times, remind you of replacing battery. After 10 times, it will no more remind you, but remote still can be used, please replace your battery in time.

Foreword

Dear customers, welcome you to become an owner of “Cattle Man” brand automotive electronic products.

Have you tried out carry bag from the supermarket, small packets things no room to press shots remote control? Have tried out to operate remote by remove your gloves in cool winter? Have you ever left your remote in other place and can’ t arm for trouble?

“cattle man” brand PKE、smart engine start system will bring you slim/ relax feelings. Above several troubles will not appear again. Approach to the vehicle, disarm automatically, push engine start / stop button; leave car for 2 -3 meters, lock door and rolling-up window automatically. The whole process is no need to get out of your key. So it’ s very convenient and safe for you in anywhere, really wonderful! In the first use of this product, please read the instructions carefully, familiar with relevant function! Manual introduced this product with detailed operation safe use of, Please take good care instruction.

Auto transfer, please send this manual to new users, new users also need to understand this knowledge!

With automobile electronic automation technology developing, is really let owners were brought a lot of convenience. Enjoy all kinds of new material and new technology brings comfortable, Also want to note artificial appropriate examination. Technology defense is the method, the artificial defense is basic. Stress technology today, artificial defense, technology defense connects well, it’ s perfect. So need to regular inspection and the timely discovery problem.

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System technology data

Main unit system

Operation voltage: $12V \pm 3V$

Static current: $< 2-6mA$

Antenna : say current: $< 18mA$

Shock transmitter current: $< 1mA$

Operation frequency: 433.2MHz

Wireless smart remote

Operation voltage: 3V

Static current: $< 10\mu A$ lithium battery

Battery NO.:CR2032

Operation frequency: 433.29MHz

Please check whether the main components are missing or not. Your package box should include some parts, as you can see:

1. PKE main unit	1PCS
2. Smart key	2PC
3. Siren horn	1PCS
4. Shock sensor	1PCS
5. LF-antenna	1PCS
6. Harness	6PCS
7. Learning code	1PCS
8. One-key engine start/stop button	1PCS
9. User manual books	1PCS
10. Installation diagram	1PCS
11. Low frequency antenna	2pc
12. Push start/stop engine button	1pc
13. Manual user	1pc
14. Installation diagram	1pc
15. Push start/stop engine button coupler	1pc
16. Ribbon	1pc



Note

**If lacking of some accessories, please
contact suppliers as soon as possible!**

Function features

Low consumption smart remote

Longer life detecting mode remote, only use one lithium battery. Standby time long for 12 month, low power consumption is beyond imagination.

Auto-lock/unlock

Stop the engine and go away from the car about 2-3 meters, lock the door and enter into alarm statue. Meanwhile the turning light flash once, horn chirps one sound (optional). When the driver approach to the car for 1-2 meters, auto-unlock and disarm. The turning light flash twice, horn chirps twice.

Anti-theft function

Forcibly go into the vehicle, siren sends alarm sound and the engine can ' t start.

Security code system

Adopt the world most advantage hopping system, the code will change every time when press the remote to disarm.

Shock sensor:

When the vehicle detected the shock, the siren will send alarm sound.

Fuel cut-off system:

Remove main unit damaging the cables, still can ' t start the engine.

Trunk Release Function:

Press  button for 3-5 seconds, release trunk automatically.

Central door lock automation

In the process of driving, if someone want to get off, stepping foot brake, the system auto-lock, no need by your hands. When driving, somebody, lock the door well, step on the brake, automatically lock, no need to operate by hands. After flameout, the central door lock will unlock automatically.(optional)

Auto Rolling- up window





When you leave the car about 2-3 meters, the system will automatically go into arm statues. Then lock the window one by one, as well as not to press the button.

Lock door reminder


When arming, only to find the door unlocked, system will send warning signals: BI-BI-BI five reminder sound and the light flash 5 times for warning. It will give you 5 seconds to prepare for, or it will alarm.

Six main functions:

1. Disable the passive keyless entry function

When drivers need to repair or wash cars, PKE functions can be stopped. Change to remote mode: press  +  button together. Horn chirps twice and PKE function disable, but you still can control alarm system by your hands, and the other functions will in stay. Able PKE mode: press  +  button together, horn will sound three times and able PKE function. If the system was in arm statue, and the car battery or remote also is low, the system will cancel PKE, entering into remote mode, original security function will not change, if you do it again, PKE function will recover.

2. Remote Start Vehicle

Advance heat or cool the car, only need to long press  button for 3 second far from the car for about 30 meters. Illegally enter into the car, the system alarm and auto-flameout and cut off the oil circuit.

3. Lock the door again

When drivers approach to the car, the system auto-unlock the door, if go away from the range distance without unlocking or locking door , or unlock /lock door without activating far away from detecting zone, system will lock door again. This function named second locking door.

4. Anti-hijacking

When driving cars, somebody forcibly lock door and rob car, if the main unit verify smart remote signal with 3 minutes, the car will alarm and flameout by cutting off oil.

5. Intelligent low power charge mod

When original battery or remote lie to low power statue, system will release PKE function automatically, arm statue keep original function. Avoiding to the problem battery without power, battery charge enough power, main unit double check, system will recover PKE functions.

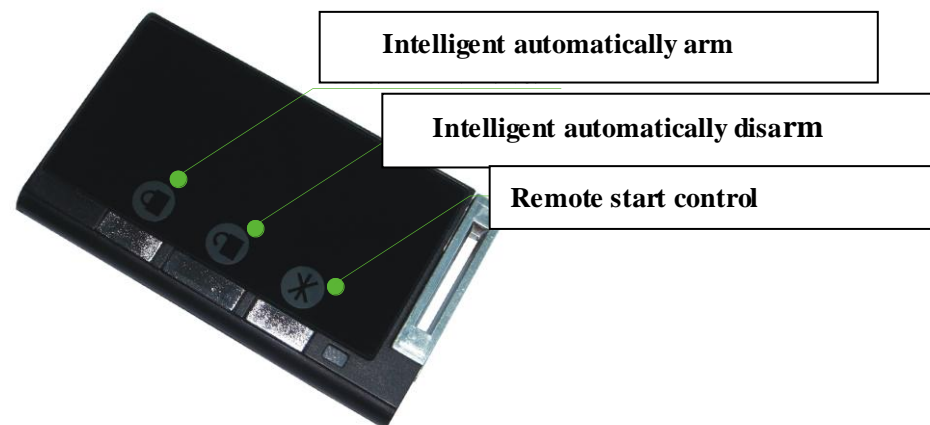
6. Car locating

Press remote button for twice, main unit receive signal, the direct light flash 30 times、horn chirps once, remind of the position of the car. (mute alarm statue only flash light)

Smart remote

Smart remote is intelligent detecting mode electronic products. Please obey manual as follows, against damage the remote:

1. Do not put smart remote in environment of damp /sun /high temperature;
2. Do not remove freely, general customer can't check internal components;
3. Avoid knocking on other object or heavily fall on the floor.



If smart remote can't lock and unlock the door, or the remote director light is dim or can't light

5. Check whether there is wireless electric interference remote or the airport wireless transmitter around.
6. battery maybe used up, check remote battery , replace it timely.



Note

1. Do not change transmitter frequency by yourself, increase transmit frequency (include extra odd magnifier), do not connect other lines or use other transmit antenna.
2. Not interference other wireless, once find have interference phenomenon, should stop to use right away, then take measure to remove interference , can use continuously.
3. Use low rate wireless electric service, must bear with all kinds wireless electric business interference or industrial / technical or medical treatment on radiation interference.
4. Don't use it in airport or near airport.

Replace battery

When replace it, only need to find the remote switch, remove battery is ok (as the right chart)

* Battery type: CR2032 lithium battery



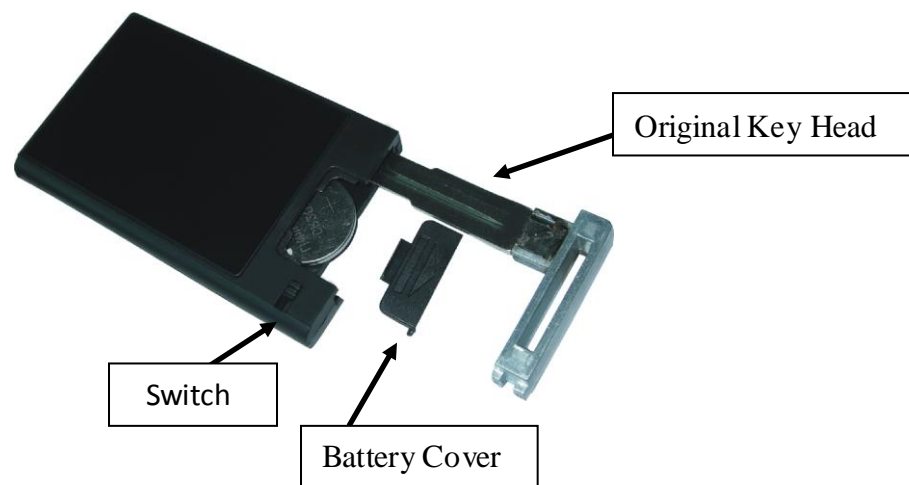
Warning

Especially note: Prevent children from swallowing the battery or components.



Warning

- ◆ If replace the battery with connection, please note not to lose the parts.
- ◆ Only replace with CR2032 battery
- ◆ Should base on location law deal with the exhaust battery.



Turn off the switch, easy to remove the battery, and then can replace it quickly.



Note

- ◆ Make sure battery's positive and negative is connected correct.
- ◆ Don't replace it with wet hands, or it will get rust.
- ◆ Don't touch or move transmitter any parts, or affect correct operation.
- ◆ When install the battery, please not bend the pole, also not stick on dusty or oil.
- ◆ Don't lose screw.
- ◆ Firmly shut off the switch.

Emerge code button setup (Vehicles should be complete in start statue

Code: 6 digital codes

Button: 0-1-2-3-4-5+#+C key

Code setting

1. Enter into setup code: 0000→2#→ go into setup code statue(indicator light flash for long time in disarm statue) → input 6 setting code→ press # for ensure (light flash twice) →setup 6code again → press # for checking (light flash three times then off) so your setting is success. The follow operation is error, light off and for flashing long time.
2. setup code time for 30 seconds, if 30 seconds did not set well, system will auto-out off code setting statue, if inputting is wrong, you can press C button for deleting.
3. Force to be out of setting statue, press C button for 3 seconds, it will be off setting statue.

Code Using

4. You can directly input 6 digital codes for 10 seconds, if you miss this chance, it will be out automatically.
5. If you input correct code the indicator will flash for 2seconds, then disarm; if the code is wrong , indicator won' t flash. You have 5chance to input code. If all is wrong, system will lock the button, 60 minutes recover automatically.



NR3300 one key engine start NR3300

Push button start switch, the blue light flash, smart key verified and could ignite or do other operation.



Smart button fashion and ultrathin, not only match with multi-modules and easy to install, at the same time, the colors also will change according to the state of vehicles. After flameout (off state) the button will flash sapphire light, go into alertness status, meanwhile, it's convenient to operate the button for drivers at night. When vehicles enter into the state of ACC OR ON, the button stop flash bright sapphire light, braking the vehicle, start button flash blue light.

Ignition operation: step on the brake, ignition button flash, press the engine start button, till to start the car.

Flameout operation: step on the brake, press the ignition button, the car will flameout automatically.


Power memory: if not ignite, not step on the brake, only press the ignition button, it will be in ACC (first gear), press it again, connect ON(second gear). And then, press again, it will shut off the power.


Note:

Automatic gear must be in P or N position, besides push the brake pedal, press smart button can start car.

Remote start should pay more attention: automatic gear, gear must be in P position. Manual gear can carry out start, flameout must be by remote.


ATTENTIONS

1. This system adopted wireless transfer method, so when disarming, signal will be jammed occasionally by other wireless device (mobile phone, internal phone with great interference, don't put the remote and wireless device together), please use remote by hands temporarily (press unlock/ lock button).
2. Put the remote in your handbag or pocket, no put mobile phone or metal product together.
3. Remove auto key, lock door, don't walk around the car with remote about 2meters.
4. When installing this system, door signal wire should connect to the dome light signal wire, if the dome light can delay, please dial switch (control code switch) in dome light delay state (30 seconds does not measure the gate signal)
5. Use it normally, only to find PKE(the passive keyless entry) function disabled(when remote is low voltage, press  button, the horn chirps once, turning light flash 5 times. when disarm, the horn chirps 5 sounds, turning light flash 5 times, remote is low power, the system will disable PKE function, make sure the driver could replace battery in several days. After replace it well, drivers let remote automatically detecting main unit receiver side, the system will recover PKE function). Please note remote battery (type: CR2032, 3V CR2032 lithium battery).
When using it, detecting antenna and remote must keep away for more less than 30CM.
Then battery is in low, system will disable PKE function, others functions won't be impacted, in order to protect battery and users can use it normally.
8. When remote battery is low, after locking door, horn chirps once, car light flash 5 times, remind you of needing replace battery, only give you 10 times chances, only can operate by remote(If you didn't charge it about 20 days, remote can't be used).
9. If using original remote key to lock door, the system maybe disable, need use original remote key to lock.

10. Original remote lock button is total control button. Advancing head car or cool car, it will be reliable by long pressing remote  button for 3 seconds from 30 meters way. But manual gear car must ignite or flameout by remote for safety.


Troubleshooting

Question	Possibly reason	Resolve method
Walk away to car(less than 2 meter), system can't disarm(unlock)	1. Whether use original remote to unlock or not 2. remote battery used up 3. original car battery in low power	1. By remote or key manual operate. 2. As ninth page replace battery

After installing Main unit, horn chirp continually, can't lift by remote.	<ol style="list-style-type: none"> 1. Check security main unit plug may be inverted. 2. Ground wire should connect to earth firm. 3. The main unit ought to be compatible with remote code 	<ol style="list-style-type: none"> 1. Base on correct means to connect. 2. if it is loose, please connect ground wire to earth firmly, surely connect to car iron case directly 3. Find the remote match with main unit.
After setting up security system, wait for a while, siren will chirp, but can be lifted by remote.	<ol style="list-style-type: none"> 1. Make all door is locked. 2. Side door button maybe appear failure. 3. Connecting wire without carelessness. 	<ol style="list-style-type: none"> 1. Lock door again. 2. Key checking: most of alarm system alert with nothing, maybe relate to side door, if press  button after lock door, 10 seconds begin to alert, disarm it, try it again, but the situation as the same, you can judge the original switch appears trouble, replace it. 3. Check whether connection is correct or not, especially brake light wire and side door light wire connection maybe wrong.
Set-arming, but the system disables after collision.	<ol style="list-style-type: none"> 1. Examine the shock sensor sensitivity. 2. Inspect the shock sensor installation. 	<ol style="list-style-type: none"> 1. Adjust shock sensor once more. 2. Install it firmly.
Enter into car, but can't engine start /stop.	<ol style="list-style-type: none"> 1. Whether engine start /stop button is light or not. 2. If step on brake 3. Auto-gear whether is on P gear or not. 	<ol style="list-style-type: none"> 1. Engine start /stop button didn't flash, because of without detecting remote. Please double check. 2. Auto-gear is P or N gear. Step on brake and try again.

After arming, when large car passed, it will trigger alarm or produce error alert sometimes.	Check shock sensor sensitivity is higher or not?	adjust shock sensor again
When you use remote, LED indicator light is bright. But alarm system will not change.	<ol style="list-style-type: none"> 1. Check your remote battery voltage 2. Maybe it is fallen or ship water. 3. Maybe jam by other batteries. 	<ol style="list-style-type: none"> 1. Replace new battery (refer to 16 page) 2. Please contact to installation man. 3. (high voltage substations、 intercom and so on) driving the car out of interference range test.
	You examine one of remote by checking other remote. If one is can' t work, but the other is good. You can judge initially remote with problem, can further examination intelligent inductive remote battery enough? Or ship water, etc. it two intelligent inductive remote are not normal, it may have been influenced by radio interference.	
alarm system can' t start / remove	<ol style="list-style-type: none"> 1 Remote may have no electricity or damage. 2. Car battery may be no power. 3. The main unit and circuit may be destroyed or water inflow phenomenon. 	<ol style="list-style-type: none"> 1. Replace battery 2. Check car battery. 3. Please contact to installation suppliers.
When siren was triggered, horn also can' t chirp	<ol style="list-style-type: none"> 1. Horn is right or wrong.(such as water enter etc). 2. Horn to whether have problems connecting main unit. 	<ol style="list-style-type: none"> 1. Replace horn 2. Repairing.
central control motor can' t work	<ol style="list-style-type: none"> 1. Maybe the wire is error. 2.Or may center control motor can' t work 3. Repair wire may be reversed. 	<ol style="list-style-type: none"> 1. Check main unit fuse, if it was cut off, testify installation is wrong. Please check it with central control. If you don' t know the operating principle, please contact with agent. 2. Replace central control lock 3. Check double and connect correctly.

Error Code Check List

Error code	Reason	Disposal route
If the large car pass by, the turning light will flash, horn chirps	sensor sensitivity is much too high	Adjust shock sensor switch a little toward anti-clockwise Adjust range should according to shock range.
The car can' t start or stop the engine when driving	Circuit oil appears trouble	Check the circuit oil connect wire is touch well, if it is necessary, cut off orange wire (circuit oil wire), then join the other two point.
The speaker sound 5 times and turning light flash 7 times; lock door And go away, the reminder light flash 10 times.	Unlock door	Disarm again, lock all door, then press  button to arm
When disarm, the speaker sound 5 times and turning light flash 5 times; when arm, the speaker sound once, turning light flash 5 times.	Low battery voltage	Replace battery timely
Don' t use the car for a period of time	The car battery is in low voltage, the system will disable PKE function, but alarm and other function will not change.	Manual operate control, or use original key unlock door, Ignite and charge timely.

Product warranty card

The quality of this product was strictly controlled before out of factory, which ensures its advanced performance under normal utilization. To protect consumer' s right and keep our company' s reputation, we guarantee that if any failure happened due to production and bad quality of component which is excluding any human damage, it will be repaired free of charge within one year from the date when you buy this product.

system model		confirmed and signed by dealer
system No.		
installation date	year month day	
license plate		
driver name		
contact telephone		
car cadastral address		

We guarantee that if any failure happened due to production and bad quality of component which is excluding any human damage , it will be repaired free of charge , only material charge.

Appendix
